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An Overview of STIP Interval 18: September 1985, the G-Z
Encounter

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The primary time period of interest during September 1985 is the few days surrounding the ICE encounter with comet Giacobini-Zinner (G-Z) which occurred at 1102 UT on 11 September. To place into perspective the actual in situ observations measured during the comet encounter it is necessary to understand the prevailing solar and interplanetary conditions. Starting two solar rotations prior to and extending through the rotation after the encounter the interplanetary stream structure was very uniform, similar to the 1973-4 long lived structure. Prior to the arrival of the corotating high speed stream at 5 UT on 11 September, ICE was already measuring the effects of G-Z on the surrounding interplanetary medium. An overview of available solar, interplanetary, and ICE data for the cometary interval will be highlighted.